EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	533527	coil same contact same arc$3 clos$3 same open$3 same driv$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:31
S2	172152	coil same contact same arc$3 clos$3 same open$3 same driv$3 same (prevent$3 inhibit$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:32
S3	21275	coil same contact same arc$3 clos$3 same open$3 same (prevent$3 inhibit$3) near3 current near3 driv$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:33
S4	1124	coil same contact same arc$3 same (clos$3 open$3) same (prevent$3 inhibit$3) same current same driv$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:35
S5	45	coil same contact same arc$3 same (clos$3 open$3) same (prevent$3 inhibit$3) near5 current near5 (driv$3 transitor switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 10:35
S6	9202	relay same contact same arc$3 same (deenergized deenergizat$3 de-energized de-energizat$3 deenergised deenergisat$3 de-energised de-energisat$3 clos$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:05
S7	761	relay same contact same arc$3 same (deenergized deenergizat$3 de-energized de-energizat$3 deenergised deenergisat$3 de-energised de-energisat$3 clos$3) same current near3 (driver transistor switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:06

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S8	870	relay same contact same arc$3 same (deenergized deenergizat$3 de-energized de-energizat$3 deenergised deenergisat$3 de-energised de-energisat$3 clos$3) same current near3 (driver transistor switch$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:07
S9	56	relay same contact same arc$3 same (deenergized deenergizat$3 de-energized de-energizat$3 deenergised deenergisat$3 de-energised de-energisat$3 clos$3) same current near5 (driver transistor switch$3) near5 (prevent$3 inhibit$3 avoid$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:12
S10	38	S9 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:14
S11	56	relay same contact same arc$3 same (energized energizat$3 energised energisat$3 clos$3) same current near5 (driver transistor switch$3) near5 (prevent$3 inhibit$3 avoid$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:52
S12	38	S11 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:14

S13	287	relay same contact same arc$3 same (energized energizat$3 energised energisat$3 clos$3) same current near5 (driver transistor switch$3) near5 (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:00
S14	296	relay same contact same arc$3 same (energized energizat$3 energised energisat$3 clos$3) same current near5 (driver transistor switch$3) near5 (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:08
S15	240	S14 not S12 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:03

S16	122	relay same contact same arc$3 same (energized energizat$3 energised energisat$3 clos$3) same current near3 (driver transistor switch$3) near3 (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:10
S17	74	relay same contact same arc$3 same (energized energizat$3 energised energisat$3 clos$3) near10 current near3 (driver transistor switch$3) near3 (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:14
S18	12262	(energized energizat$3 energised energisat$3 clos$3) near10 current near10 (driver transistor switch$3) near10 (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:22

S19	52832	(prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3) near2 arc$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:19
S20	565	S18 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:23
S21	9400	(energized energizat$3 energised energisat$3 clos$3) near8 current near8 (driver transistor switch$3) near8 (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:23
S22	565	S20 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:23

S23	4326	(energized energizat$3 energised energisat$3 clos$3) near5 current near5 (driver transistor switch$3) near5 (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:23
S24	224	S23 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 12:26
S25	26900	coil near3 (deenergiz$3 (de adj energiz$3)deenergisz$3 (de adj energisz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:21
S26	758	S19 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:20
S27	173	coil near3 (deenergiz$3 (de adj energiz$3)deenergisz$3 (de adj energisz$3)) same (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3) near2 arc$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:24

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S28	3	coil near3 (deenergiz$3 (de adj energiz$3)deenergisz$3 (de adj energisz$3)) near5 (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3) near2 arc$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:24
S29	3	coil near3 (deenergiz$3 (de adj energiz$3) deenergis$3 (de adj energis$3)) near5 (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3) near2 arc$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:26
S30	13	coil near3 (deenergiz$3 (de adj energiz$3) deenergis$3 (de adj energis$3)) with (prevent$3 anticipat$3 arrest$3 avert$3 avoid$3 baffl$3 balk$3 bar$3 block$3 forbid$4 forfend$3 halt$3 hamper$3 hinder$3 (hold$3 adj (back off)) imped$3 inhibit$3 intercept$3 interdict$3 interrupt$3 limit$3 obstruct$3 obviat$3 preclud$3 prohibit$3 repress$3 restrain$3 restrict$3 (rul$3 adj out) (shut$4 adj out) (stav$3 adj off) stop$4 thwart$3 (turn$3 adj aside) (ward$3 adj off) eliminat$3) near2 arc$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:56
S31	9	("4959746" "6863789" "3437189"). pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 14:02

S32	9	("4959746" "6863789" "3437188").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 14:02
S33	449	361/2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 14:21
S34	2	(arc$3 same contact same (deenergizat$3 de-energizat$3)).clm.	US-PGPUB	OR	ON	2007/08/28 14:50
S35	3	(arc$3 same contact same voltage same reference).clm.	US-PGPUB	OR	ON	2007/08/28 14:53
S36	0	(arc$3 same contact same zener same reference).clm.	US-PGPUB	OR	ON	2007/08/28 14:53